

**HUNTERS POINT NAVAL SHIPYARD
BASE REALIGNMENT AND CLOSURE CLEANUP TEAM
MEETING NOTES
December 7, 2016**

These notes summarize the Navy Base Realignment and Closure (BRAC) Cleanup Team (BCT) meeting for Hunters Point Naval Shipyard (HPNS) in San Francisco, California. The meeting was held at 10:00 a.m. at HPNS on December 7, 2016.

I. Introductions and Agenda Review

Mr. Derek Robinson (Navy) conducted introductions and reviewed the action items from the November 3, 2016 BCT meeting.

II. Navy Business/Action Items (Mr. Robinson, Navy)

The following action items from the November 3, 2016 BCT meeting remain pending:

- Navy will submit a table with a list of open petroleum and/or UST sites with updated status by December 14, 2016.
- EPA will provide Areas Requiring Institutional Controls comments to Navy.

Ms. Tina Low (Regional Water Quality Control Board [Water Board]) noted that in regards to the outstanding petroleum closure letters discussed during previous BCT meetings, Mr. Nathan King (Water Board) indicated to her that several of the petroleum sites have total petroleum hydrocarbon (TPH) contamination comingled with polycyclic aromatic hydrocarbon (PAH) and belong under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) cleanup program. Mr. Reggie Paulding (Navy) noted that this has been an ongoing conversation between the Navy and Water Board. Ms. Low noted that as a result of the PAH and TPH comingled contamination, the closure letters will be slightly different from the other closure letters and will document the presence of CERCLA contaminants at the site.

III. Miscellaneous Topics/Updates (Navy/BCT Members)

Mr. Paulding (Navy) noted that the BCT members received the response to comments (RTCs) on the Parcel F Feasibility Study (FS) Addendum. The Navy plans to submit the Final FS Addendum on December 20, 2016 unless the Navy hears back from the agencies. The Navy ran the preliminary remediation goal (PRG) calculator for the radiological contaminants of concerns but did not plan on including those results in the document and instead only included the results in the RTCs.

Ms. Danielle Janda (Navy) noted that all the radiological screening yard pads are set up on Parcel E-2. The Navy has also completed debris removal and grubbing, and begun excavation in the panhandle area. The Navy will start excavation in the northern portion of Parcel E-2, following the removal of the gate for University of California San Francisco (UCSF), in mid-December.

Ms. Nina Bacey (DTSC) noted that she couldn't find the Parcel G Explanation of Significant Differences (ESD) factsheet on the City of San Francisco or Navy websites and that it would be good if they extended the comment period until after the holidays. The Navy agreed and will extend the comment period to mid-January and email the community of this change.

Ms. Bacey (DTSC) also noted that the Navy website home page is inaccurate with regards to information on the Community Involvement Plan. Mr. Robinson (Navy) noted that they will look into this and revise the webpage.

IV. Document Tracking/Upcoming Fieldwork (Ms. Danielle Janda, Navy)

Ms. Janda noted that the Parcel UC-3 durable cover is almost finished and the next step is the soil gas sampling. The Navy noted that they are continuing to work with the tenants who are located on portions of UC-3 and haven't encountered problems yet. The sampling likely won't occur until late-January.

Ms. Lee (EPA) asked if DTSC still planned on sending their industrial hygienist out to observe and take readings/measurements during the Parcel E-2 excavation activities. She is hoping they will go out to the site twice a week. Ms. Lee (EPA) asked if DTSC could email the BCT members a summary of their field observations.

Ms. Bacey (DTSC) asked about a technical memorandum for Installation Restoration (IR) -03. Ms. Janda (Navy) noted that there will be a summary of the January meeting on IR-03 in an appendix to the remedial design document. Ms. Lee (EPA) noted that they made comments on the final technical memorandum for IR-03 that would be applicable to the remedial design. Their main concerns were that in-situ stabilization (ISS) would not take care of all the contamination like in-situ thermal remediation (ISTR) would. Ms. Janda (Navy) noted that the design includes a slurry wall and other components that would address the concern of contaminant migration. The Navy addressed the EPA comments in the technical memorandum, so if the EPA is planning on making the same comments then the Navy will likely reiterate their original response to those comments. The Navy did extensive review of the potential remediation options and has decided to go with a combined remediation treatment using ISS and a slurry wall which is what was presented to the BCT in January 2016.

Ms. Lee (EPA) noted that all the regulators are busy working on the issues that have arisen on HPNS with regards to the Tetra Tech sampling allegations. Since so much of their attention is being focused on this issue, there are limited resources available to work on other HPNS items so the agencies may be asking for document review extensions but they will do their best to complete their review. Ms. Janda (Navy) noted that this is a discussion for management but the Navy brought on additional personnel (Mr. Pat Brooks) to help with this added work load. The Navy will continue pushing ahead with submittals of documents according to the Federal Facilities Agreement (FFA) schedule and the agencies can request a 30-day extension. Ms. Lee (EPA) noted that the EPA doesn't have the funding available to add additional resources to the project. Ms. Amy Brownell (City) noted that the Tiger Team will need to discuss this issue at the next meeting.

Ms. Bacey (DTSC) noted that during the February meeting it was not stated that the Community Involvement Plan (CIP) was not going to be updated. She would still like a justification from the Navy on why the CIP will not be updated. Ms. Lee (EPA) noted that there have been changes to the community outreach because of the Tetra Tech allegations.. Mr. Robinson (Navy) noted that the 2014 CIP is very flexible and robust enough that it can be adapted as conditions change at HPNS. The Navy will continue to evaluate the CIP every two years.

Ms. Bacey (DTSC) asks that the basewide groundwater sampling and analysis plan (SAP) be included on the document tracking matrix.

Mr. Jeff Austin (Consultant for Lennar) noted that the developer of HPNS is ready to begin demolition of Building 110, re-grade and rework many of the streets; and with this work, two of the Navy's monitoring wells will be abandoned and one will be protected in-place. The work is scheduled to begin in February 2017. He asked if the Navy would like to sample the wells again before construction begins because the wells will not be available for sampling until construction is complete which will likely take more than a year. Following construction they will re-install the two wells and rehabilitate the existing well. Mr. Tony Konzen (Navy) noted that they will sample the wells if it works with their sampling schedule; however, if they don't get an opportunity they will not hold up the developer's field schedule. Mr. Austin noted that they plan to pressure grout the two monitoring wells around January 15, 2017. In a normal situation, you have 60-90 days to re-install a monitoring well. However, in this case the two wells will not be installed for much later than that. Therefore, they have an obligation to notify the group that the wells will be out of commission for more than a year.

Ms. Lily Lee (EPA) asked the City of San Francisco to look at the Tetra Tech sampling work that was conducted within the footprint of the artist studios.

V. Community Involvement (Mr. Robinson, Navy)

Mr. Robinson (Navy) noted that the community meeting tonight is being held at the conference room next to The Storehouse. He hopes the meeting is well attended by the residents living on HPNS and in the neighboring communities. The Navy is looking into doing radio interviews but would like to wait until after the February community meeting. Ms. Lee (EPA) requested that the Navy survey the community concerning input on methods for community outreach or concerns about HPNS and incorporate that information into upcoming community outreach plan for the radiological issues on HPNS.

Ms. Lee (EPA) noted that some comments that could potentially come up during the community meeting include questions concerning Tetra Tech work done on Parcel A or Parcel G. She noted that there has been a lot of work done on HPNS by several of the Tetra Tech companies but the allegations are only against Tetra Tech EC Inc. Additionally, she noted that tonight's meeting is about land use and not radiological work and the land will not be transferred until the radiological issues are resolved. She also noted that there is no Parcel G ESD for the public to review at this point but the public will have a chance to comment on the document later. Ms. Lee (EPA) added that the community has concerns about radiological standards because they don't take into account cumulative risks. The EPA has drafted some language on this subject and will share that

information with the group. The community might also have questions on sea level rise. She noted that they should tell the public that the appropriate regulatory agencies review the documents concerning sea level rise.

VI. Action Items/Future Meetings (Mr. Robinson, Navy)

- The Navy will look into changing the Navy BRAC website home page concerning the date of the next CIP update.
- The Navy will email the community concerning a date extension for comments on the Parcel G ESD.
- The Navy will revise the document tracking matrix to include the Basewide Groundwater Sampling and Analysis Plan.
- The City of San Francisco will update the BCT concerning radiological data collected by Tetra Tech around the artist buildings.
- The Navy will send the BCT an email regarding justification for not doing a CIP update.

Next Meetings:

- The next BCT meeting is scheduled February 9, 2017 at HPNS.

Meeting participants:

Jeff Austin, Lennar/Geosyntec
Stephen Banister, Navy*
Liz Basinet, Noreas
Lisa Bercik, CB&I Federal Services
Karla Brasaemle, TechLaw*
Amy Brownell, City & County of SF
Rebecca Cardoso, Navy*
Jamie Egan, CB&I Federal Services
Bill Franklin, Navy
Patrick Hamner, Trevet
Hamlet Hamparsumian, Noreas*
Judy Huang, EPA*
Danielle Janda, Navy

Tracy Jue, CDPH
Jackie Lane, EPA
Lily Lee, EPA
Tina Low, Water Board
Nina Bacey, DTSC
Tim Mower, Tetra Tech*
Reggie Paulding, Navy*
Julie Pettijohn, DTSC*
Dr. Sheetal Singh, CDPH
Matt Slack, Navy RASO*
Christina Rain, Langen
Derek Robinson, Navy
Tony Konzen, Navy*
Patrick Brooks, Navy

* Indicates attendee participated via telephone